

### **IN THE CLAIMS**

Please amend the claims as follows:

1. (Currently Amended) A broadcast control apparatus for visual data, the apparatus comprising:

a touch screen display panel operable to receive and display live visual streams of video data simultaneously in real time from a plurality of visual sources, where the touch screen display panel is configurable to display said live visual stream of data indicative of each visual source on a different portion of said touch screen display panel; and

a touch screen graphical panel for the retrieval of control functions from a control function register;

whereby visual data from at least one of the received and simultaneously displayed visual sources is selectable for use by finger pressure on the associated portion of the touch screen display panel and the selected data is modifiable in accordance with a retrieved control function; and the selected and modified data is immediately cued to air for broadcast.

2. (Original) The broadcast control apparatus according to claim 1, where the control function is a digital video effect or an audio effect.

3. (Previously Presented) The broadcast control apparatus according to claim 1, where the retrieved control function is able to be effected by finger pressure on an associated portion of the touch screen display panel.

4. (Previously Presented) The broadcast control apparatus according to claim 1, further comprising a programmable panel having a plurality of programmable keys, each one of which is able to be programmed to retrieve a control function.

5. (Original) The broadcast control apparatus according to claim 4, where the programmable panel is positioned proximate the touch screen display panel.

6. (Original) The broadcast control apparatus according to claim 4, where the programmable panel is incorporated into the touch screen display panel.
7. (Previously Presented) The broadcast control apparatus according to claim 4, further comprising a control panel to enable switching between visual sources.
8. (Previously Presented) The broadcast control apparatus according to claim 7, where the programmable panel is incorporated into the control panel.
9. (Previously Presented) The broadcast control apparatus according to claim 7, where the control panel is a customized vision switching panel.
10. (Previously Presented) The broadcast control apparatus according to claim 1, where the selected data is modifiable by finger pressure on a portion of the touch screen graphical panel that is associated with the control function.
11. (Previously Presented) The broadcast control apparatus according to claim 1, where control functions are executable in real time.
12. (Previously Presented) The broadcast control apparatus according to claim 4, where a programmable key loaded with a control function appears back-lit with a first color indicating to an operator that the key is ready for operation.
13. (Previously Presented) The broadcast control apparatus according to claim 12, where keys which have yet to be loaded and which are therefore available for programming appear backlit with a second color.
14. (Previously Presented) The broadcast control apparatus according to claim 12, where keys which are in operation appear backlit with a third color.

15. (Previously Presented) The broadcast control apparatus according to claim 4, further comprising a display module programmable to store a plurality of screen layout configurations.
16. (Original) The broadcast control apparatus according to claim 15, where the configuration of all the visual data from respective visual sources on the touch screen display panel is resizable depending on the number of visual sources operating at any one time.
17. (Previously Presented) The broadcast control apparatus according to claim 15, where a plurality of screen configurations are programmable into one or more of the programmable keys.
18. (Previously Presented) The broadcast control apparatus according to claim 16, where each area of the screen configuration associated with a visual source is further configurable with a personalized symbol or descriptor identifier to identify the source.
19. (Previously Presented) The broadcast control apparatus according to claim 1, where a transition between visual data from a first visual source and visual data from a second visual source is effected by applying finger pressure on the associated portion of the touch screen display panel that represents the first source and dragging that source to a different portion of the touch screen display panel associated with the second source.
20. (Previously Presented) The broadcast control apparatus according to claim 1, further comprising a second touch screen display panel operable to receive and display further visual data or to view selected visual data for output.
21. (Previously Presented) The broadcast control apparatus according to claim 1, where visual sources comprise one or more of video cameras, videotape recorders, disk servers, computer generated sources, remote feeds, or the like.

22. (Previously Presented) The broadcast control apparatus according to claim 4, where the apparatus is operational in a set up mode and an operational mode.

23. (Previously Presented) The broadcast control apparatus according to claim 22, where pre-programming of digital video effects occurs in the set up mode.

24. (Previously Presented) The broadcast control apparatus according to claim 19, where the apparatus is operational in a set up mode and an operational mode and where in the operation mode selection of sources and transitions between sources are performed.

25. (Previously Presented) The apparatus according to claim 1, where the, or each touch screen display panel is mounted on a motorized arm to enable the distance between the or each display panel and an operator to be varied.

26. (Currently Amended) A broadcast control apparatus for the recording and replay of visual data, the apparatus comprising:

a touch screen display panel operable to simultaneously and instantaneously playback more than one stream of visual data from a storage unit, the visual data sourced from a plurality of visual sources, where the touch screen display panel is configurable to display said respective streams of visual data on a different portion of said touch screen display panel;

a touch screen graphical panel for the retrieval of control functions from a control function register; and

a control panel in communication with the touch screen panels, the control panel including a plurality of programmable keys, each one of which is able to be programmed to retrieve a control function;

whereby playback of ~~visual~~ a specified stream of video data from the storage unit is able to be selected for instant control and playback by way of finger pressure on an associated portion of the touch screen display panel and modified in accordance with a retrieved control function, and respective streams of visual data from the storage unit are configurable on the touch screen display panel and are resizable depending on the number of streams of visual data displayed.

27. (Original) The apparatus according to claim 26, where the retrieved control function is able to be effected by finger pressure on an associated portion of the touch screen display panel that is associated with the control function.

28. (Cancelled)

29. (Currently Amended) The apparatus according to claim 26 [[28]], where at least one key is programmable with a plurality of different screen configurations.

30. (Previously Presented) The apparatus according to claim 26, where at least one key is programmable to create a clip from a stream of replayed visual data.

31. (Previously Presented) The apparatus according to claim 30, where at least one key is programmable to text tag the clip of visual data.

32. (Previously Presented) The apparatus according to claim 26, where the touch screen graphical panel is operable to build playlists and sequences.

33. (Original) The apparatus according to claim 32, where a sequence is built by effecting a transition between visual data from a first visual source and visual data from a second visual source, whereby finger pressure is applied on that associated portion of the touch screen display panel that represents the first source and dragging that source to a different portion of the touch screen display panel associated with the second source.

34. (Original) The apparatus according to claim 33, where the transition includes activating a key programmed with a text tag and associating the text tag with the data from the second source.

35. (Previously Presented) The apparatus according to claim 26, where at least one key is programmable for rewinding all of the visual source data simultaneously.

36. (Previously Presented) The apparatus according to claim 26, where the control panel further includes one or more of a speed control section for at least controlling the rate of play of a stream of visual data, a timecode section for displaying the duration of a stream of visual data, a cueing section for the marking of, and searching for cues and for the navigation within the storage unit, and a slow-motion section.

37. (Previously Presented) The apparatus according to claim 26, further comprising a second touch screen display panel to view visual data for output.

38. (Previously Presented) The apparatus according to claim 26, where the, or each touch screen display panel is mounted on a motorized arm to enable the distance between the or each display panel and an operator to be varied.

39. (Currently Amended) A system for broadcast control comprising:

a first apparatus comprising a touch screen display panel operable to receive and display live visual streams of video data simultaneously in real-time from the plurality of visual sources, where the touch screen display panel is configurable to display said live visual stream of video data indicative of each visual source on a different portion of said touch screen display panel; and a touch screen graphical panel for the retrieval of control functions from a control function register; whereby visual data from at least one of the received and simultaneously displayed visual sources is selectable for use by finger pressure on the associated portion of the touch screen display panel and the selected data is modifiable in accordance with a retrieved control function and the selected and modified data is immediately cued to air for broadcast;

a storage unit for storing live visual streams of video data from the plurality of visual sources;

a second apparatus comprising a touch screen display panel operable to simultaneously playback more than one stream of visual data from the storage unit and to produce an output; a

touch screen graphical panel for the retrieval of control functions from a control function register; and a control panel in communication with the touch screen panels, the control panel including a plurality of programmable keys, each one of which is able to be programmed with a retrieved digital video effect; whereby playback of visual data from the storage unit is able to be modified in accordance with a retrieved control function;

whereby the first apparatus is operable to edit selected modified data with output from the second apparatus for transmission.

40. (Original) The system according to claim 39, where the first apparatus of the system further comprises a programmable panel having a plurality of programmable keys, each one of which is able to be programmed to retrieve a control function.

41. (Original) The system according to claim 40, where the programmable panel is positionable proximate the touch screen display panel of the first apparatus.

42. (Original) The system according to claim 40, where the programmable panel is incorporated into the touch screen display panel of the first apparatus.

43. (Original) The system according to claim 39, where the first apparatus further comprises a control panel to enable switching between visual sources, the panel having a plurality of programmable keys.

44. (Previously Presented) The system according to claim 43, where the touch screen graphical panel of the second apparatus has control over one or more of the plurality of programmable keys on the control panel of the first apparatus for the execution of control functions or for defining video clips and playlists.

45. (Previously Presented) The system according to claim 39, where the output is modified or unmodified visual data.

46. (Previously Presented) The system according to claim 39, where the selected data is modifiable by finger pressure on a portion of the touch screen graphical panel that is associated with the control function.

47. (Previously Presented) The system according to claim 39, where the first and second apparatus further comprise a display module programmable to store a plurality of touch screen configurations.

48. (Original) The system according to claim 47, where the configuration of all the visual data from respective visual sources on the respective touch screen display panels are resizable depending on the number of visual sources operating at any one time.

49. (Original) The system according to claim 47, when dependent on any one of claims 40 to 44, where a plurality of screen configurations are programmable into one or more of the programmable keys.

50. (Previously Presented) The system according to claim 47, where each area of the screen configuration associated with a visual source is further configurable with a personalized symbol or descriptor identifier to identify the source.

51. (Previously Presented) The system according to claim 39, where a transition between visual data from a first visual source and visual data from a second visual source are effected by applying finger pressure on the associated portion of the touch screen display panel of the first apparatus that represents the first source and dragging that source to a different portion of the touch screen display panel of the first apparatus associated with the second source.

52. (Previously Presented) The system according to claim 39, where the first apparatus further comprises second touch screen display panel operable to receive and display further visual data or to view selected visual data for transmission.



53. (Previously Presented) The system according to claim 39, further comprising an audio mixing panel to combine an audio source with selected modified data edited with output from the second apparatus for transmission.

54. (Previously Presented) The system according to claim 39, where the second apparatus is further operable to edit its output with selected modified data from the first apparatus to create a sequence for transmission.

55. (Original) The system according to claim 54, where the sequence is made available to the operator of the first apparatus.

56. (Currently Amended) A method for broadcast control comprising the steps of storing control functions in a control function register;

displaying on a touch screen display panel of a first apparatus live visual streams of video data simultaneously in real-time from a plurality of visual sources, said touch screen display panel configured to display said live visual stream of data indicative of each visual source on a different portion of said touch screen display panel; a first operator

selecting visual data from at least one of the received and simultaneously displayed visual sources by finger pressure on the associated portion of the touch screen display panel of the first apparatus; the first operator

retrieving a control function from the control function register; and the first operator modifying the selected visual data with the retrieved control function to produce a first output and cueing the first output for transmission.

57. (Original) The method according to claim 56, further comprising a second set of steps including:

storing visual data from at least a portion of the plurality of visual sources;  
replaying streams of stored visual data simultaneously on a touch screen display panel of a second apparatus ; a second operator

selecting a stream of visual data by finger pressure on the associated portion of the touch screen display panel of this second apparatus; the second operator  
retrieving a control function from a control function register; the second operator  
modifying the selected visual data with the control function to produce a second output;  
and the second operator  
cueing the second output relative to the first output to create a sequence for transmission.

58. (Original) The method according to claim 56, further comprising the step of the first operator instructing the second operator to source a stored piece of visual data and to modify it with a particular control function such that the first operator is able to create a sequence of visual data for broadcast transmission.

59. (Previously Presented) The method according to claim 57, further comprising the step of programming programmable keys with selected control functions.

60. (Original) The method according to claim 59, whereby the programmable keys are pre-programmed.

61. (Previously Presented) The method according to claim 59, whereby the step of the first operator retrieving a control function comprises the first operator activating an area of the touch screen graphical panel associated with the control function, or activating a key programmed or pre-programmed with the control function, or activating an area of the touch screen display panel associated with the control function.

62. (Previously Presented) The method according to claim 59, further including the step of personalizing a programmable key by associating a symbol or a descriptor.

63. (Previously Presented) The method according to claim 56, further comprising the step of storing a plurality of touch screen configurations for the touch screen display panels of the first apparatus and the second apparatus for displaying the plurality of visual sources.

64. (Previously Presented) The method according to claim 63, further comprising the step of re-configuring the touch screen display panel of the first apparatus or the second apparatus.

65. (Previously Presented) The method according to claim 56, further comprising the step of effecting a transition between visual data from a first visual source and visual data from a second visual source by applying finger pressure on the associated portion of the touch screen display panel representative of the first source and dragging that source to another portion of the touch screen display panel representative of the second source.

66. (Previously Presented) The method according to claim 56, whereby the first operator and second operator access the same control function register.

67. (Previously Presented) The method according to claim 56, whereby created sequences are transmitted live or stored for broadcast at a later date.